

REMARKS

Claim 1 has been amended.

The Examiner has rejected applicant's claims 1-3 and 8 under 35 USC 102(b) as being anticipated by the Lane (U.S. Pat. No. 6,031,960) patent. Applicant has amended applicant's independent claim 1 and with respect to this claim, as amended, and its dependent claims, the Examiner's rejection is respectfully traversed.

Applicant's independent claim 1 has been amended to recite a reproducing apparatus comprising reproducing means for reproducing moving image data for normal reproduction and image data for high-speed reproduction different from the moving image data for normal reproduction from a recording medium which records thereon moving image data train including the moving image data for normal reproduction which is encoded by using intra-frame coding and inter-frame coding and the image data for high-speed reproduction, an interface for outputs in a form of encoded data the moving image data for normal reproduction and the image data for high-speed reproduction, each of which is reproduced by the reproducing means, mode setting means for setting one of a normal reproduction mode in which the reproduction means reproduces the moving image data for normal reproduction and the image data for high-speed reproduction and a high-speed reproduction mode in which the reproducing means reproduces the image data for high-speed reproduction, and decoding means for selectively decoding one of the moving image data for normal reproduction and the image data for high-speed reproduction, each of which is reproduced by the reproducing means, according to the mode set by the mode setting means, wherein in the normal reproduction mode, the interface multiplexes and outputs in a form of encoded data the moving image data for normal reproduction and the image data for high-speed reproduction

and the decoding means decodes the moving image data for normal reproduction, and wherein in the high-speed reproduction mode, the interface stops outputting the image data for high-speed reproduction and the decoding means decodes the image data for high-speed reproduction.

The construction recited in applicant's amended independent claim 1 is not taught or suggested by the cited art of record. In particular, the cited Lane patent fails to teach or suggest the normal reproduction mode in which the interface multiplexes and outputs in a form of encoded data the moving image data for normal reproduction and image data for high-speed reproduction, which is different from the moving image data for normal reproduction, and in which the decoding means decodes the moving image data for normal reproduction.

Specifically, the Lane patent discloses a reproducing apparatus which includes a normal play mode and a trick play mode, e.g. fast forward or reverse play operation, such that in the normal play mode, normal play data blocks or packets are outputted, and in the trick play mode, trick play data packets are outputted. Col. 3, lines 40-46; Col. 4, lines 13-23. More particularly, column 4, lines 51-63 of Lane disclose that the reproducing apparatus includes a playback packet filter (218) receives image data, including normal play and trick play data, read out from the recording medium and outputs an image data stream from which data packets not used during the selected mode are filtered. Thus, during normal reproduction mode, i.e. normal play mode, the playback packet filter in the Lane patent filters the image data for high-speed reproduction, i.e. trick play data, so that only the image data for normal reproduction, i.e. normal play data, is outputted in the normal reproduction mode.

The Examiner has relied on column 4, lines 12-67 and column 5, lines 1-13 and 28-31 of the Lane patent as disclosing outputting and decoding both the image data for normal

reproduction and image data for high-speed reproduction during the normal reproduction mode because I-frames used for high-speed reproduction are the same I-frames that are used during normal reproduction. However, as acknowledged by the Examiner, the image data for the high-speed reproduction in this portion in the Lane patent is the same as the image data for normal reproduction. In contrast, in applicant's reproducing apparatus, as recited in applicant's amended claim 1, the image data for high-speed reproduction is different from the moving image data for normal reproduction. Thus, in the apparatus of the Lane patent, if the image data for high-speed reproduction is different from the image data for normal reproduction, the image data for high-speed reproduction during the normal reproduction mode would be filtered by the playback packet filter so that only the image data for normal reproduction is outputted.

Accordingly, the Lane patent does not teach or suggest a normal reproduction mode in which the interface multiplexes and outputs in a form of encoded data the moving image data for normal reproduction and the image data for high speed reproduction and the decoding means decodes the moving image data for normal reproduction, wherein the image data for high-speed reproduction is different from the moving image data for normal reproduction.

Moreover, there is no mention in the Lane patent of a high-speed reproduction mode in which the interface stops outputting the image data for high-speed reproduction and the decoding means decodes the image data for high-speed reproduction. Instead, in the high-speed reproduction mode, i.e. the trick play operation, the data for normal reproduction is filtered from the data reproduced from the recording medium so that only the data for high-speed reproduction, i.e. the trick play data packets, is outputted. See, Col. 4, lines 15-18 and 51-63; Col. 5, lines 49-62.

Therefore, applicant's amended independent claim 1, which recites image data for high-speed reproduction being different from the moving image data for normal reproduction, and wherein in the normal reproduction mode, the interface multiplexes and outputs in a form of encoded data the moving image data for normal reproduction and the image data for high-speed reproduction and the decoding means decodes the moving image data for normal reproduction, and wherein in the high-speed reproduction more, the interface stops outputting the image data for high-speed reproduction and the decoding means decodes the image data for high speed reproduction, and its dependent claims, patentably distinguish over the Lane patent.

In view of the above, it is submitted that applicant's claims, as amended, patentably distinguish over the cited art of record. Accordingly, reconsideration of the claims is respectfully requested.

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